

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"20050050055" and (conventional or scale)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/13 11:06
L2	1	"5018060".pn. and scal\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/13 11:07
L3	1	"5018060".pn. and (scal\$3 or expir\$3 or expiration)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/13 11:09
L4	1	"5757571".pn. and (scal\$3 or expir\$3 or expiration)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/13 11:09
S1	6	"648064".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/13 10:20
S2	46958	(tape near3 (storage or storing or stor\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 12:06
S3	35798	S2 and @ad<"20030801"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 14:24
S4	1481	S3 and (data adj access)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 13:06

## EAST Search History

S5	189	S4 and ((data adj access)near3 time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 12:54
S6	177	S4 and ((data adj access)near2 time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 12:58
S7	2	S6 and (tape near2 (scaling or scale or scal\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 13:36
S8	8	("4092679" "5018060" "5757571" "6031798").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 12:58
S9	76	S4 and ((tape or storage or media ) near3 (scaling or scale or scal\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 15:45
S10	21649	Hill.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 13:37
S11	2	"4607346".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 13:38
S12	2	"5345584".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 13:39

## EAST Search History

S13	2	"6338110".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 13:39
S14	2	"6338110".pn. and (tape or storage or scale or scaling or access or predefined or capacity or identify or dataset or optimal scale)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 13:41
S15	2	"4607346".pn. and (tape or storage or scale or scaling or access or predefined or capacity or identify or dataset or optimal scale)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 13:46
S16	2	"5345584".pn. and (tape or storage or scale or scaling or access or predefined or capacity or identify or dataset or optimal scale)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 13:42
S17	2	"6983343".pn. and (tape or storage or scale or scaling or access or predefined or capacity or identify or dataset or optimal scale)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 13:47
S18	2	"6529996".pn. and (tape or storage or scale or scaling or access or predefined or capacity or identify or dataset or optimal scale)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 13:49
S19	3	"972438".ap. and (tape or storage or scale or scaling or access or predefined or capacity or identify or dataset or optimal scale)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 13:50
S20	4	"135228".ap. and (tape or storage or scale or scaling or access or predefined or capacity or identify or dataset or optimal scale)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 13:50

## EAST Search History

S21	1	"648064".ap. and (storage adj characteristics)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 15:58
S22	289	(scale or scaling or scal\$5) with (tape with storage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 16:21
S23	196	S22 and @ad<"20030801"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 16:00
S24	84	S23 and performance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 16:00
S25	3989	(scale or scaling or scal\$5) near2 storage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 16:21
S26	3139	S25 and @ad<"20030801"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 16:21
S27	0	S26 and ( ((scale or scaling or scal\$5) near2 storage) with ((pre?defin\$4 or predefin\$4 ) near2 capacity ) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 16:23
S28	3139	S26 and ((scale or scaling or scal\$5) near2 storage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/03 13:43

## EAST Search History

S29	313	S26 and (((scale or scaling or scal\$5) near2 storage) with capacity )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 16:24
S30	57	S29 and (data adj access)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 16:56
S31	20287	storage near2 instruction\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 16:57
S32	16296	S31 and @ad<"20030801"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 16:57
S33	180	S32 and ((storage near2 instruction\$1)with capacity )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 17:05
S34	7093	active near2 storage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 17:05
S35	5904	S34 and @ad<"20030801"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 17:06
S36	1	S35 and ((scale or scaling) near3 capacity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 17:07

## EAST Search History

S37	3245	S35 and capacity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 17:07
S38	1	S37 and ((scaling or scale) near3 capacity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 17:07
S39	24195	tape and segment\$6 and (scal\$5 or scaling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/09 14:20
S40	0	5757571l.pn. and (scale or scaling or flexible)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/09 14:23
S41	0	5757571l.pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/09 14:23
S42	0	575757l.pn. and (scale or scaling or flexible)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/09 14:24
S43	2	"5757571".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/09 17:50
S44	1	"5757571".pn. and (scaling or flexible or scale)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/09 14:45

## EAST Search History

S45	1	"5018060".pn. and capacity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/09 15:37
S46	1	"5757571".pn. and capacity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/09 14:47
S47	1	"5018060".pn. and (track\$5 or chang\$5 or monitor\$5 or updat\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/09 17:25
S48	2	"5757571".pn. and (track\$5 or chang\$5 or monitor\$5 or updat\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/09 16:09
S49	1	"135228".ap. and network	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/09 16:45
S50	4	"135228".ap. and (within or inside or incorporat\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/09 16:45
S51	6	"648064".ap. and within	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/09 16:49
S52	2	"5018060".pn. and (optimal or optimum or performance or access)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/09 17:25

## EAST Search History

S53	2	"20050050055"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/06 15:39
S54	2	"20050050055" and (magnetic or scaling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/06 15:41
S55	2	"20050050055" and (magnetic or scaling or tape)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/06 15:56
S56	0	"5018060".ap. and (magnetic or scaling or scaled or scales or tape)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/06 15:56
S57	1	"5018060".pn. and (magnetic or scaling or scaled or scales or tape)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/06 17:18
S58	2	"5757571".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/06 17:18
S59	4418	(scale or scaling or scal\$5) near2 storage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/03 13:43
S60	3243	S59 and @ad<"20030801"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/03 13:43



## EAST Search History

S61	3243	S60 and ((scale or scaling or scal\$5) near2 storage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/03 13:43
S62	4	S61 and (tape\$1 with exclusive\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/03 13:44
S63	2	"20050050055"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 14:16
S64	1	"20050050055" and (compact\$3 or interchang\$3 or specification\$1 or beneficial)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 14:47
S65	2	"5018060".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 14:21
S66	0	"5018060".pn. and (compact\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 16:15
S67	0	"575751".pn. and (compact\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 14:21
S68	5	"575751".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 14:22

## EAST Search History

S69	2	"5757571".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 14:22
S70	1	"5757571".pn. and (compact\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 15:20
S71	0	"5757571".pn. and interchang\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 14:23
S72	657	(media with interchang\$3) and @ad<"20030801"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 14:24
S73	82	((media with interchang\$3) with (specification\$1 or requirement\$1 or details or characteristics or outlines or rules) ) and @ad<"20030801"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 15:44
S74	2	"20050050055" and (computer with readable)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 14:51
S75	0	"20050050055" and ((look?up with table) or pre?defined )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 14:52
S76	0	"20050050055" and ((look-up with table) or pre?defined )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 14:52

## EAST Search History

S77	1	"20050050055" and (table\$1 )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 14:53
S78	1	"20050050055" and robotic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 15:17
S79	0	"5018060".pn. and (magnetic with stor\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 15:13
S80	0	"5018060".pn. and (magnetic )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 15:13
S81	1	"5018060".pn. and (tape with stor\$3 )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 15:42
S82	1	"20050050055" and beneficial	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 15:17
S83	0	"5757571".pn. and beneficial	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 15:20
S84	2	"5757571".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 15:20

## EAST Search History

S85	1	"5018060".pn. and scal\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 15:42
S86	0	S73 and scaling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 15:44
S87	55297	(tape near3 (storage or storing or stor\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 15:45
S88	37473	S87 and @ad<"20030801"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 15:45
S89	1607	S88 and (data adj access)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 15:45
S90	85	S89 and ((tape or storage or media ) near3 (scaling or scale or scal\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 15:49
S91	45	S90 and (us\$3 with tape\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 15:45
S92	0	S90 and (whether with scal\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 15:50

## EAST Search History

S93	12	S90 and (scal\$3 with tape\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 15:55
S94	54	(( whether or if) with scal\$3) with tape\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 15:56
S95	26	S94 and @ad<"20030801"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 16:00
S96	60	"5018060".uref.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 16:00
S97	3	S96 and scaling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 16:02
S98	4	(storage near3 (characteristics or attribute\$1)) and (scaling with tape\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 16:02
S99	2	S98 and @ad<"20030801"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 16:03
S100	5	"899042".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 16:05

## EAST Search History

S10 1	1	"5969893".pn. and (scaling or characteristics or attributes)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 16:05
S10 2	2	"5018060".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 16:22
S10 3	2	"5757571".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 16:26
S10 4	2	"20030193994"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 17:03
S10 5	28	(robotic near3 arm\$1) and (tape near3 drive\$1) and (bar with code with scanner) and (cartridge with gripper)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 17:04
S10 6	13	S105 and @ad<"20030801"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 17:10
S10 7	2	"20030120379"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 17:14
S10 8	2	"20030120379" and tape	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 17:14